

Title (en)

FRONT FRAME AND CASCADE OF A THRUST REVERSER OF AN AIRCRAFT NACELLE

Title (de)

FRONTRAHMEN UND KASKADE EINER SCHUBUMKEHRVORRICHTUNG EINER FLUGZEUGGONDEL

Title (fr)

CADRE AVANT ET GRILLE DE DEVIATION D'UN INVERSEUR DE POUSSEE D'UNE NACELLE D'AERONEF

Publication

**EP 4111045 A1 20230104 (FR)**

Application

**EP 21708287 A 20210216**

Priority

- FR 2001902 A 20200226
- FR 2021050265 W 20210216

Abstract (en)

[origin: WO2021170934A1] The invention relates to an assembly (601) which comprises a front frame (602) of a thrust reverser structure of an aircraft nacelle and at least one cascade (603). The assembly is characterized in that, when the cascade is fixed to the frame, the axial distance (L) that separates the first blading (605) upstream of the cascade from a covering area (606) between the extension of the cascade and the front frame is greater than or equal to once the mean height (h) of the cascade.

IPC 8 full level

**F02K 1/72** (2006.01)

CPC (source: EP US)

**F02K 1/72** (2013.01 - EP US); **F05D 2230/53** (2013.01 - EP US); **F05D 2250/711** (2013.01 - EP US); **F05D 2260/31** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP)

Citation (search report)

See references of WO 2021170934A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**FR 3107568 A1 20210827**; **FR 3107568 B1 20220218**; CN 115176080 A 20221011; EP 4111045 A1 20230104; US 2023088298 A1 20230323; WO 2021170934 A1 20210902

DOCDB simple family (application)

**FR 2001902 A 20200226**; CN 202180016333 A 20210216; EP 21708287 A 20210216; FR 2021050265 W 20210216; US 202117904572 A 20210216